

Official Gazette for Kokai Patent Applications, Front Page

(11) Publication no.: Unexamined Patent Application Publication No. H05-298955

(43) Disclosure date: November 12, 1993

(51) Int. Cl. ⁵	H01H	11/00
		13/48
		13/70

(21) Application no.: Patent Application No. H04-099964

(71) Applicant: **Mitsumi Electric Co.,
Ltd.**

(22) Application date: April 20, 1992

(72) Inventor(s): Toshihiko Terashita
Kazunori Hamazaki

(54) Moving Contact Device in Push Switch And Manufacture Thereof
(57) [Abstract]

[Purpose] To automatically assemble a push switch using a dome-shaped click spring for higher productivity.

[Constitution] A metal hoop material 21 is punched to continuously form moving contacts 23, 23,... The moving contacts 23, 23,... are connected to the hoop material 21 by supporting pieces 24, 24,... The moving contacts 23, 23,... are pressed into dome shapes and operated as click springs. Resin bases 28, 28,... are molded on the peripheries of the moving contacts 23, 23,... The supporting pieces 24, 24,... and legs 26, 26,... are inserted and molded into the bases 26, 26,... The supporting pieces 24, 24,... and the legs 26, 26,... are cut off the hoop material 21 to manufacture a moving contact device in which the moving contact 23 is supported by the base 28. Integrally forming the base 28 and the moving contact 23 enables automation of assembly by means of an automatic mounting device.

